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Cooks et al.(10) **Pub. No.: US 2020/0168446 A1**(43) **Pub. Date: May 28, 2020**(54) **MASS SPECTROMETRY PROBES AND
SYSTEMS FOR IONIZING A SAMPLE**(60) Provisional application No. 61/926,713, filed on Jan.
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Chennai (IN)**Publication Classification**(51) **Int. Cl.**
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49/0431 (2013.01)(22) Filed: **Jan. 2, 2020****Related U.S. Application Data**(63) Continuation of application No. 16/516,823, filed on
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Jun. 14, 2016, now Pat. No. 10,395,913, filed as
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2014.(57) **ABSTRACT**The invention generally relates to mass spectrometry probes
and systems for ionizing a sample. In certain embodiments,
the invention provides a mass spectrometry probe including
a substrate in which a portion of the substrate is coated with
a material, a portion of which protrudes from the substrate.